

Amendments to the Claims:

In response to the Office Action dated as of April 2, 2010 in which the examiner entered a restriction requirement, applicants have cancelled all original claims without prejudice and submitted a new set of claims intended to satisfy the restriction requirement. The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-73 (cancelled)

Claim 74 (new): A self-microemulsifiable anhydrous base composition for use in the preparation of an anesthetic composition for intravenous injection, comprising:

a) propofol; and

b) a nonionic surfactant having the structure of [POE(*n*)] sub-*m*-R'-R; where POE is a polyoxyethylene moiety of -*mer* number *n*, and having *m* of these POE functional groups attached to R'; where the value of *m* is one to three; where R' is a linking moiety selected from glyceryl, sorbitan, ester, amino, or ether functions; where R is a hydrophobic moiety consisting of saturated or unsaturated alkyl or alkylphenyl groups; and where the structure of the non-ionic surfactant is further defined by a ratio of **A**, the total number of POE -*mer* units in the surfactant given by the product of -*mer* number *n* and total PEG chain number *m* per molecule, to **B**, the number of carbons in the hydrophobic functional group R, the ratio of **A/B** being in the range of about 1 to 2 or in the range of about 0.7 to 4; and

wherein the nonionic surfactant is included in the base composition in a concentration of about eight (8) parts or more of the nonionic surfactant to one (1) part of propofol and with the base composition not

containing any other nonionic surfactant other said nonionic surfactant having said structure.

Claim 75 (new): The base composition as in claim 74 in which the non-ionic surfactant is selected from the group consisting of polyoxyethylene monoalkyl ethers, polyoxyethylene alkylphenols, polyethylene glycol fatty acid monoesters, polyethylene glycol glycerol fatty acid esters, polyoxyethylene sorbitan fatty acid esters, and polyoxyethylene sterols.

Claim 76 (new): The base composition of claim 74 in which the nonionic surfactant is selected from the group consisting of **PEG-15** monolaurate, **PEG-20** monolaurate, **PEG-32** monolaurate, **PEG-48** monolaurate, **PEG-13** monooleate, **PEG-15** monooleate, **PEG-20** monooleate, **PEG-32** monooleate, **PEG-72** monooleate, **PEG-15** monostearate, **PEG-660** 12-hydroxystearate, **PEG-23** monostearate, **PEG-40** monostearate, **PEG-72** monostearate, **PEG-20** glyceryl laurate, **PEG-30** glyceryl laurate, **PEG-20** glyceryl stearate, **PEG-20** glyceryl oleate, **PEG-30** glyceryl monooleate, **PEG-30** glyceryl monolaurate, **PEG-40** glyceryl monolaurate, **PEG-20** sorbitan monooleate, **PEG-20** sorbitan monolaurate, **PEG-20** sorbitan monopalmitate, and **PEG 20** sorbitan stearate, **PEG-40** sorbitan monooleate, **PEG-80** sorbitan monolaurate, **POE-23** lauryl ether, **POE-20** oleyl ether, **PEG 30-60** nonyl phenol series, **PEG 30-55** octyl phenol series, and mixtures thereof.

Claim 77 (new): The base composition of claim 74 in which the propofol contains free alpha tocopherol.

Claim 78 (new): The base composition of claim 74 in which the base composition is homogeneous.

Claim 79 (new): The base composition of claim 74 in which the base composition is optically transparent.

Claim 80 (new): An intravenously injectable microemulsion for use as an anesthetic composition, comprising:

- a) the base composition of claim 74; and
- b) a physiologic carrier liquid which is isotonic to blood.

Claim 81 (new): The microemulsion of claim 80 in which the microemulsion is optically transparent.

Claim 82 (new): The microemulsion of claim 80 in which the concentration of the propofol is included in the microemulsion in an amount of up to about 1% by weight of the propofol to the volume of the microemulsion.

Claim 83 (new): The microemulsion of claim 80 in which the concentration of the propofol is included in the microemulsion in an amount of up to about 4% by weight of the propofol to the volume of the microemulsion.

Claim 84 (new): A self-microemulsifiable anhydrous base composition for use in the preparation of an anesthetic composition, comprising:

- a) propofol;
- b) a nonionic surfactant having the structure of $[\text{POE}(n)]_{\text{sub}m}\text{-R}'\text{-R}$; where POE is a polyoxyethylene moiety of *-mer* number *n*, and having *m* of these POE functional groups attached to R'; where the value of *m* is one to three; where R' is a linking moiety selected from glyceryl, sorbitan, ester, amino, or ether functions; where R is a hydrophobic moiety consisting of saturated or unsaturated alkyl or alkylphenyl groups; and where the structure of the non-ionic surfactant is further defined by a ratio of **A**, the total number of POE *-mer* units in the surfactant given by the product of *-mer* number *n* and total PEG chain

number *m* per molecule, to **B**, the number of carbons in the hydrophobic functional group R, the ratio of **A/B** being in the range of about 1 to 2 or in the range of about 0.7 to 4;

c) a water-immiscible solvent which is a biocompatible monoester, diester or triester; and

d) ethanol.

Claim 85 (new): The base composition of claim 84 in which the nonionic surfactant is selected from the group consisting of polyoxyethylene monoalkyl ethers, polyoxyethylene alkylphenols, polyethylene glycol fatty acid monoesters, polyethylene glycol glycerol fatty acid esters, polyoxyethylene sorbitan fatty acid esters, and polyoxyethylene sterols.

Claim 86 (new): The base composition of claim 84 in which the nonionic surfactant is selected from the group consisting of **PEG-15** monolaurate, **PEG-20** monolaurate, **PEG-32** monolaurate, **PEG-48** monolaurate, **PEG-13** monooleate, **PEG-15** monooleate, **PEG-20** monooleate, **PEG-32** monooleate, **PEG-72** monooleate, **PEG-15** monostearate, **PEG-660** 12-hydroxystearate, **PEG-23** monostearate, **PEG-40** monostearate, **PEG-72** monostearate, **PEG-20** glyceryl laurate, **PEG-30** glyceryl laurate, **PEG-20** glyceryl stearate, **PEG-20** glyceryl oleate, **PEG-30** glyceryl monooleate, **PEG-30** glyceryl monolaurate, **PEG-40** glyceryl monolaurate, **PEG-20** sorbitan monooleate, **PEG-20** sorbitan monolaurate, **PEG-20** sorbitan monopalmitate, and **PEG 20** sorbitan stearate, **PEG-40** sorbitan monooleate, **PEG-80** sorbitan monolaurate, **POE-23** lauryl ether, **POE-20** oleyl ether, **PEG 30-60** nonyl phenol series, **PEG 30-55** octyl phenol series, and mixtures thereof.

Claim 87 (new): The base composition of claim 84 in which the relative concentration of the nonionic surfactant to propofol included in the base composition is about five (5) parts surfactant to about one (1) part propofol, the

relative concentration of the water-immiscible solvent to propofol is about three (3) to five (5) parts solvent to about ten (10) parts propofol, and the relative concentration of ethanol to propofol is about five (5) to six (6) parts ethanol to about ten (10) parts propofol.

Claim 88 (new): The base composition of claim 84 in which the relative concentration of the nonionic surfactant to propofol included in the base composition is about five (5) parts or more surfactant to about one (1) part propofol, the relative concentration of the water-immiscible solvent to propofol is about three (3) to five (5) parts solvent to about ten (10) parts propofol, and the relative concentration of ethanol to propofol is about five (5) to six (6) parts ethanol to about ten (10) parts propofol.

Claim 89 (new): The base composition of claim 84 in which the propofol contains free alpha tocopherol.

Claim 90 (new): The base composition of claim 84 in which the base composition is homogeneous.

Claim 91 (new): The base composition of claim 84 in which the base composition is optically transparent.

Claim 92 (new): The base composition as in claim 84 in which the water-immiscible solvent is a monoester derived from an aliphatic acid, but not including capric acid, and a monoalcohol.

Claim 93 (new): The base composition as in claim 92 in which the monoester is ethyl oleate, isopropyl myristate, ethyl laurate, butyl oleate, oleyl acetate, oleyl propionate, octyl octanoate, octyl decanoate, or oleyl oleate.

Claim 94 (new): The base composition as in claim 84 in which the water-immiscible solvent is a diester derived from a di-alcohol and a mono-acid.

Claim 95 (new): The base composition as in claim 94 in which the diester is propylene glycol dilaurate, propylene glycol dioleate, propylene glycol dicaprylate or 1, 2 butane glycol dioleate.

Claim 96 (new): The base composition as in claim 84 in which the water-immiscible solvent is a diester derived from a di-acid and a mono-alcohol.

Claim 97 (new): The base composition as in claim 96 in which the diester is dioleoyl succinate, diethyl fumarate, diethyl malate, or diethyl adipate.

Claim 98 (new): The base composition as in claim 84 in which the water-immiscible solvent is a triester derived from an aliphatic acid and a trialcohol.

Claim 99 (new): The base composition as in claim 98 in which the triester is a triglyceride.

Claim 100 (new): The base composition as in claim 99 in which the triglyceride is glycerol tri-oleate or a medium chain triglyceride oil.

Claim 101 (new): The base composition as in claim 84 in which the water-immiscible solvent is a triester derived from an aliphatic tri-carboxylic acid and a mono-alcohol.

Claim 102 (new): The base composition as in claim 101 in which the triester is a triethyl citrate, tributyl citrate, or triethyl isocitrate.

Claim 103 (new): The base composition as in claim 84 in which the water-immiscible solvent is selected from the group of benzoic acid esters of ethanol, n-propanol, isopropanol, and benzyl alcohol.

Claim 104 (new): An intravenously injectable microemulsion for use as an anesthetic composition, comprising:

- a) the base composition of claim 84; and
- b) a physiologic carrier liquid which is isotonic to blood.

Claim 105 (new): The microemulsion of claim 104 in which the microemulsion is optically transparent.

Claim 106 (new): The microemulsion of claim 104 in which the concentration of the propofol is included in the microemulsion in an amount of up to about 5% by weight of the propofol to the volume of the microemulsion.

Claim 107 (new): The microemulsion of claim 104 in which the concentration of the propofol is included in the microemulsion in an amount of up to about 10% by weight of the propofol to the volume of the microemulsion.

Claim 108 (new): A method of preparing the self-microemulsifiable base composition as in claim 74, comprising the steps of:

- a) measuring about eight or more parts of the nonionic surfactant to about one part of propofol and heating said nonionic surfactant to a preparation temperature above its melting point; and
- b) combining the nonionic surfactant with a predetermined amount of propofol; thereby forming the base composition.

Claim 109 (new): A method of preparing the self-microemulsifiable base composition as in claim 84, comprising the steps of: